

2011 CAMCORDER

HDC-SD80

High Definition Camcorder



Screen image simulated.

33.7MM WIDE-ANGLE LENS WITH 37X OPTICAL AND 42X INTELLIGENT ZOOM

Allows you to adapt to a range of shooting situations with the use of wide angle and long zoom.

1080 FULL HD

Record clearly defined images of moving objects.

HYBRID O.I.S. WITH ACTIVE MODE

Minimizes the effects of hand shake for virtually blur-free close-ups and long-zoom shots.

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- Zoom Microphone/Wind Noise Canceller
 - 2.7" LCD Touch Panel



Panasonic
ideas for life

HD Camcorder
HIGH DEFINITION

2011 CAMCORDER

HDC-SD80 High Definition Camcorder

GENERAL		
Power Supply (Battery / AC Adapter)		DC3.6V / 5.0V
Power Consumption		Max. 4.4W (Recording) / Max. 7.7W (Charging)
Weight (w/o Battery)		Approx. 0.42lb (192g)
Dimension (W x H x D)		2.02 x 2.32 x 4.29 [in] (51.5 x 59.0 x 109.0 [mm])
Media		SD/ SDHC/ SDXC Memory Card
On-Screen Display Language		Please refer to "OSD" sheet
IMAGE SENSOR		
Image Sensor		1/5.8" MOS
Total Pixels		1.50 megapixels
Effective Pixels	Motion Image	1.12 megapixels – 1.30 megapixels [16:9]
	Still Image	1.10 megapixels [3:2]
		1.12 megapixels – 1.30 megapixels [16:9] 0.97 megapixels [4:3]
LENS SECTION		
Lens Brand		Panasonic Lens
F Value		F1.8 (WIDE) / 4.0 (TELE)
Optical Zoom		34X
Focal Length		2.38 - 81.0 mm
35mm Film Camera Equivalent		33.7 - 1240 mm (16:9) [Motion Image]
		38.1 - 1298 mm (3:2), 33.7 - 1240 mm (16:9), 41.3 - 1405 mm (4:3) [Still Image]
Filter Diameter		–
CAMERA SECTION		
Standard Illumination		1400 lx
Minimum Illumination		7.0 lx (1/25 Low Light Scene Mode) 1 lx (Color Night View)
Image Stabilizer		HYBRID O.I.S. [Optical Image Stabilizer]
Focus		Auto / Manual
White Balance		Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White Set
Shutter Speed	Motion Image	[60i] Auto Slow Shutter ON: 1/30 - 1/8000 OFF: 1/60 - 1/8000
	Still Image	
Iris		Auto / Manual
Zoom	Intelligent Zoom OFF	37X
	Intelligent Zoom	42X
	Digital Zoom	90X/2000X (The maximum value of zoom magnification)
Backlight Compensation		Yes
MONITOR		
EVF		–
Monitor (LCD)		2.7" Wide LCD (230,400 dots)
STILL IMAGE SECTION		
Recording Format		JPEG
Recording Image Size	Still Picture	2.6 megapixels (1856 x 1392), 0.3 megapixels (640 x 480) [4:3] 2.8 megapixels (2064 x 1376) [3:2] 3.0 megapixels (2304 x 1296), 2.1 megapixels (1920 x 1080) [16:9]
	Simultaneous Recording	3.0 megapixels (2304 x 1296), 2.1 megapixels (1920 x 1080) [16:9]
	Creating Still Picture From Motion Picture	2.1 megapixels (1920 x 1080) [16:9]
Flash		Yes (Photo Light)
DPOF		Max. 999 images

RECORDING SECTION	
Signal System	1080 / 60i, 480 / 60i
Recording Format	MPEG4-AVC/ H.264 (AVCHD standard compliant) iFrame: MPEG-4 AVC/ H.264 (MPEG-4 AVC file format compliant (.MP4))
Recording / Playback Mode	HA (17Mbps / VBR), (1920 x 1080) HG (13Mbps / VBR), (1920 x 1080) HX (9Mbps / VBR), (1920 x 1080) HE (5Mbps / VBR), (1920 x 1080) iFrame (28Mbps / VBR), (960 x 540)
Audio Recording System	Dolby Digital (2ch) iFrame: AAC (2ch)
Microphone	2ch Stereo, Zoom Microphone
Speaker	Dynamic Type
Media Remaining Indication	Yes
INTERFACES	
AV	–
HDMI	Yes (mini)
Microphones (stereo mini)	–
Headphone (stereo mini)	–
USB	2.0 Hi-Speed
AV Multi	Yes
OTHERS	
LED Video Light	Yes
Accessory Shoe	–
STANDARD ACCESSORIES	
AC Adapter	Yes
AC Cable	Yes
DC Cable	Included AC Adapter
Rechargeable Battery Pack	Min. 1790 mAh / Lithium-Ion
AV Multi Cable	Yes
AV Cable	–
IR Remote	–
Shoe Adapter	–
USB Cable	Yes
SD Memory Card	–
Included Software	HD Writer AE 3.0
Lens Hood	–
Stylus Pen	Yes